

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	(electrical and cable and phase and neutral and shield and fault and interrupter).clm.	US-PGPUB	OR	ON	2006/06/14 13:21
L3	2	(electrical and cable and shield and fault and interrupter).clm.	US-PGPUB	OR	ON	2006/06/14 13:21
S1	2	"20040070899"	US-PGPUB ; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 10:14
S2	2	"20040070895"	US-PGPUB ; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 10:14
S3	2	"20040070899"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 10:35
S4	254	fault same interrupt\$3 same shield	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 10:36
S5	19	fault same interrupt\$3 same shield same (phase hot) same neutral	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 10:48
S6	2	"4,759,436".pn.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 10:51
S7	2	"4,739,436".pn.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 11:27

## EAST Search History

S8	134	immersion near2 detection near2 circuit near2 interrupter	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 11:31
S9	138	immersion near2 circuit near2 interrupter	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 11:43
S10	2	"5353185".pn.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 12:16
S11	675	idci	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 12:22
S12	9	idci same shield	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 12:16
S13	36	("2863021"   "3407840"   "3525902"   "3535590"   "3629766"   "3728583"   "3770002"   "3875431"   "3948143"   "3997818"   "4023072"   "4044244"   "4085397"   "4103319"   "4112312"   "4124835"   "4263576"   "4270158"   "4328387"   "4438477"   "4464582"   "4477857"   "4484243"   "4567456"   "4589047"   "4685021"   "4709293"   "4751603"   "4829390"   "4931894"   "5019935"   "5115367"). PN.	US-PGPUB ; USPAT; USOCR	OR	ON	2006/02/20 12:20

## EAST Search History

S14	10642	circuit adj interrupter	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 12:22
S15	504	circuit adj interrupter same shield	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 12:22
S16	97	circuit adj interrupter same shield same ground	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 12:23
S17	31	circuit adj interrupter same shield same ground and leakage	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 12:23
S18	36	circuit adj interrupter same shield same ground and (leakage leak)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 12:24
S19	25	circuit adj interrupter same shield same ground same (leakage leak)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 12:24
S20	47	circuit adj interrupter same shield same (leakage leak)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 13:18
S21	51	lcdi	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 15:43

## EAST Search History

S22	6	lcdi same shield	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 15:46
S23	3082117	CA "2503933."\$.did.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 15:46
S24	0	CA-"2503933."\$.did.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 15:46
S25	0	"2503933."\$.did.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 15:47
S26	15	"2503933"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 15:50
S27	5	("2503933").PN.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/20 15:47
S28	3309	floating near2 ground	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 15:50
S29	25	floating near2 ground and gfc	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 15:54

## EAST Search History

S30	5	S29 and shield	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 15:54
S31	0	S29 and shielding	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 15:54
S32	2	"6016244".pn.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 16:37
S33	4	"20020003686"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 12:37
S34	4	"20020003686"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 09:26
S35	2	"6693779".pn.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 09:45
S36	2	"20040070895"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 09:56
S37	2	"6829123".pn.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 09:59

## EAST Search History

S38	2	"6,525,914".pn.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 09:59
S39	1	("6525914").URPN.	USPAT	OR	ON	2006/03/02 10:02
S40	4375	cable same (leakage leaking)	USPAT	OR	ON	2006/03/02 10:03
S41	71	cable same (leakage leaking) same interrupt\$3	USPAT	OR	ON	2006/03/02 10:04
S42	7	cable same (leakage leaking) same interrupt\$3 same load	USPAT	OR	ON	2006/03/02 10:05
S43	13	cable same (leakage leaking) same interrupt\$3 same load	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2006/03/02 10:06
S44	3	cable same (leakage leaking) same interrupt\$3 same load same receptacle	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2006/03/02 10:09
S45	13	cable same (leakage leaking) same interrupt\$3 same load	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2006/03/02 10:10
S46	7	cable same (leakage leaking) same interrupt\$3 same load same (sensor sensing detect\$3)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2006/03/02 10:14
S47	3	cable same (leakage leaking) same interrupt\$3 same load same (sensor sensing detect\$3) same shield	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2006/03/02 10:56
S48	1	cable same (impedance) same interrupt\$3 same load same (sensor sensing detect\$3) same shield	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2006/03/02 12:16
S49	6	cable same interrupt\$3 same load same (sensor sensing detect\$3) same shield	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2006/03/02 13:35
S50	6	cable same interrupt\$3 same (sensor sensing detect\$3) same shield near3 ground\$3	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2006/03/02 14:31
S51	3	("4853822" "5642248" "601 6244").PN.	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2006/03/02 14:32
S52	63	interrupter same neutral near3 open\$3	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2006/03/02 14:39

## EAST Search History

S53	63	interrupter same neutral near3 open\$3 and neutral near3 open\$3	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2006/03/02 15:28
S54	1	"6,016,244".pn.	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2006/03/02 17:00
S55	101	interrupter same (varistor mov)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2006/03/03 10:21
S56	1	"6621671".pn.	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2006/03/03 10:21
S57	3	("4270158"   "4464582"   "4589047").PN.	US-PGPUB ; USPAT; USOCR	OR	ON	2006/03/03 10:21
S58	0	("6621671").URPN.	USPAT	OR	ON	2006/03/03 10:22
S59	0	("6621671").URPN.	USPAT	OR	ON	2006/03/03 10:24
S60	1	"06558260"	USPAT	OR	ON	2006/03/03 10:25
S61	1	"4709293".pn.	USPAT	OR	ON	2006/03/03 10:26
S62	27	("4709293").URPN.	USPAT	OR	ON	2006/03/03 10:28
S63	1	"4709293".PN.	USPAT	OR	ON	2006/03/03 10:27
S64	1	("4709293").URPN. and shield same leakage	USPAT	OR	ON	2006/03/03 10:28
S65	2	("6176717").URPN.	USPAT	OR	ON	2006/03/03 10:30
S66	9	("3426342"   "3659152"   "4709293"   "4712154"   "4751603"   "4797772"   "4851951"   "5102345"). PN.	US-PGPUB ; USPAT; USOCR	OR	ON	2006/03/03 10:32
S67	0	("3426342"   "3659152"   "4709293"   "4712154"   "4751603"   "4797772"   "4851951"   "5102345"). PN. and shield	US-PGPUB ; USPAT; USOCR	OR	ON	2006/03/03 10:33
S68	2	("3426342"   "3659152"   "4709293"   "4712154"   "4751603"   "4797772"   "4851951"   "5102345"). PN. and leakage	US-PGPUB ; USPAT; USOCR	OR	ON	2006/03/03 10:33

## EAST Search History

S69	21	(US-20040070895-\$ or US-20040070899-\$ or US-20050243485-\$ or US-20050247700-\$ or US-20050280961-\$ or US-20060002043-\$ or US-20060007610-\$).did. or (US-4709293-\$ or US-4903161-\$ or US-5642248-\$ or US-6016244-\$ or US-6166453-\$ or US-6176717-\$ or US-6218647-\$ or US-6525914-\$ or US-6693779-\$ or US-6738241-\$ or US-6826024-\$ or US-6829123-\$ or US-6859044-\$).did. or (CA-2503933-\$).did.	US-PGPUB ; USPAT; DERWENT	OR	ON	2006/03/04 15:24
S70	9	S69 and impedance	US-PGPUB ; USPAT; DERWENT	OR	ON	2006/03/04 11:15
S71	23	fault near2 circuit near3 interrupter with impedance	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 12:16
S72	457775	fault near2 circuit near3 interrupter with impedance near "4" neutral	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 12:17
S73	6	fault near2 circuit near3 interrupter with impedance near4 neutral	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 12:17
S74	2	fault near2 circuit near3 interrupter with impedance near4 shield	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 12:19



## EAST Search History

S75	2	fault near2 circuit near3 interrupter same impedance near4 shield	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 12:19
S76	2	fault near2 circuit near3 interrupter same impedance with shield	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 12:22
S77	1	fault near2 circuit near3 interrupter same (open opening) with shield	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 12:23
S78	82	fault near2 circuit near3 interrupter same (open opening) with neutral	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 12:26
S79	66	fault near2 circuit near3 interrupter same (open opening) with neutral	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 12:26
S80	24	fault near2 circuit near3 interrupter same (open opening) with neutral and cord	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 12:27
S82	6	fault near2 circuit near3 interrupter same (open opening) with neutral and cord same extension	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 12:42
S83	1	fault near2 circuit near3 interrupter same (open opening) with neutral and "20040070899"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 12:43

## EAST Search History

S84	2	(open opening) with neutral and "20040070899"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 12:47
S85	2	(open opening) with (shield neutral) and "20040070899"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 13:30
S86	1	(open opening) with (shield ) and "20040070899"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 13:30
S87	1	(open opening) near3 (shield ) and "20040070899"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 13:34
S88	1	(open opening broken) near3 (shield ) and "20040070899"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 13:36
S89	2	(open opening broken) near3 (neutral ) and "20040070899"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 13:37

# EAST Search History

S90	38	(US-20040070895-\$ or US-20040070899-\$ or US-20050243485-\$ or US-20050247700-\$ or US-20050280961-\$ or US-20060002043-\$ or US-20060007610-\$).did. or (US-4709293-\$ or US-4903161-\$ or US-5642248-\$ or US-6016244-\$ or US-6166453-\$ or US-6176717-\$ or US-6218647-\$ or US-6525914-\$ or US-6693779-\$ or US-6738241-\$ or US-6826024-\$ or US-6829123-\$ or US-6859044-\$).did. or (CA-2503933-\$).did. and flat	US-PGPUB ; USPAT; DERWENT	OR	ON	2006/03/04 15:24
S91	533	flat same cord same shield	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 15:42
S92	21	flat near3 cord same shield	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 16:02
S93	10	flat near3 cord with shield	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 15:46
S94	2	"4780094".pn.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 15:47
S95	127	flat near3 cord same extension	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 16:02

## EAST Search History

S96	45	flat near3 cord near5 extension	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 16:02
S97	39	flat near3 cord near2 extension	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 16:02
S98	15	(cord cable wire) same flat same (phase hot) same neutral same shield	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:40
S10 0	23	fault adj circuit adj interrupter same coil near4 ground	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:41
S11 2	67	fault adj circuit adj interrupter same coil with ground	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:48
S11 3	0	fault adj circuit adj interrupter same coil with neutral near2 (open broken)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:49
S11 4	35	fault adj circuit adj interrupter same neutral near2 (open broken)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:53
S11 5	13	fault adj circuit adj interrupter same neutral near2 (open broken) with ground	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:55

## EAST Search History

S11 6	1453393	fault adj circuit adj interrupter same neutral near2 (open broken) with ground and neutral or ground	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:55
S11 7	11	fault adj circuit adj interrupter same neutral near2 (open broken) with ground and neutral near3 ground	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/05 12:47
S11 8	2	"20040070899" and neutral near5 (open\$5 broken)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/05 13:21
S11 9	19	extention adj cord	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/05 13:21
S12 0	5765	extension adj cord	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/05 13:21
S12 1	19	extension adj cord same test near2 (button switch)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/05 13:24
S12 2	32	extension adj cord same integrity	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/05 13:25
S12 3	4	extension adj cord same integrity same test	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/05 13:25

## EAST Search History

S12 4	2	"4550358".pn.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 15:44
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